News from prs conveners meeting

- from Paris: doing work on making it easier for new members to learn about PRS groups. Will be cleaning up our web pages
- report from DDD workshop (detector description for GEANT4/OSCAR)– lots of work needs to be done by the calorimeter people in order to move to DDD by this fall (Sasha, Bart, Vladimir)
- Ugo – any evidence of memory leaks in ORCA from calorimetery? Please let us know…

Status for Jet/Met

Made first batch of ntuples in June of this year

- bug discovered in HF energy scale
- bug discovered in HF tower positions in calorimeter
- bug discovered in hardwired HF tower positions in L1trigger code in ORCA

Need better communication between ORCA and GEANT people

Nevertheless, used first batch of ntuples to get preliminary jet energy scale corrections (Krokhotine), jet rates (Krokhotine), MET rates (Hidas, Abdullin), trigger table for SUSY (Abdullin).

Status for Jet/Met

MET rates from "sick" ntuples were strange

- L2 rates much higher than L1 rates at a give efficiency for generator MET
- L2 rates much higher than expected from old study

What we have learned:

- fixing the HF problems moves the L1 rates up to the L2 rates. Why is L2 so much more sensitive to the HF bug than L1?
- Why are the rates so much higher than obtained in old study?

One difference between old study and current study is the method we used to do pileup subtraction. Expect plots comparing old/new way in today's jet/met meeting

Status for Jet/Met

We are set to start to remake the ntuples with fixes for the HF problems in Calorimetry and L1 trigger code. Expect 2 weeks to completion.

We are waiting until see the results of today's pileup subtraction talk before making start. Though, redoing the pileup subtraction would mean redoing the digi step, and this probably can not be done.

Status for Jet/Met

First results on impact of trigger thresholds on dijet resonances search at today's jet/met meeting (Dumanoglu)